

## Typical Construction Costs by Project Type (2008–2012) Source: NYSDOT

### Highway

1.	<b>Major Reconstruction</b>  Add through lanes and/or rebuild highway section. Capacity deficiency and/or pavement condition requiring rebuilding of existing pavement. (Pavement reconstruction, widening, utilities, sidewalks, curbs, drainage, lighting, possible transit enhancements to bring highway up to current standards).	\$	5,000,000 per lane mile
2.	<b>Pavement, Rehabilitate existing pavement with ancillary improvements</b>		
a	Rehabilitate and Preserve Pavement – Pavement in fair to poor condition, ancillary features need work. (Multi-course overlay, improve base, improve drainage, 6–8' shoulders, culverts, typically rural areas, to bring highway up to current standards.)	\$	1,000,000 per lane mile (Rural and Suburban)
b	Rehabilitate and Preserve Pavement – Pavement in fair to good condition, ancillary features need work. (Multi-course overlay, improve base, drainage improvements, sidewalks, curbs, culverts, typically urban areas to bring highway up to current standards.)	\$	1,800,000 per lane mile (Urban)
c	Rehabilitate and Preserve – Pavement in good to fair condition, ancillary features need some work. (Resurface highway and shoulders with a single course overlay, guiderail, minor drainage, signs.)	\$	250,000 per lane mile
d	Single Course Overlay – Asphalt pavement in good to fair condition, no ancillary work. (Single course overlay with no major safety, operational, or geometric improvements, generally no guiderail, bridge work or closed drainage.)	\$	150,000 per lane mile
e	Crack and Seal with 7" Overlay – Treatment for Portland cement concrete pavements, no ancillary work. (Crack up pavement and replace with 7" overlay.)	\$	700,000 Per lane mile for non-controlled access

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3.	Intersection Improvement (isolated intersections)	Cost Range
a –	Add turn lanes and traffic signal	\$ 1,000,000 to 2,200,000
b –	Install new traffic signal	\$ 75,000 to 125,000
4.	Bridge Replacement	\$ 500.00 to 600.00 per sf.
5.	Shoulders (rehabilitate shoulders)	\$ 30.00 per sq. yard
6.	Guiderail	
a –	Corrugated	\$ 14.00 per ft.
b –	Corrugated End Sections	\$ 1,000.00 each
c –	Box Beam	\$ 28.00 per ft
d –	Box Beam End Sections	\$ 400.00 each
7.	Pavement Markings (epoxy, including cleaning)	\$ 1.20 per sq. ft.
8.	Large Signs	
a –	Ground Mounted	\$ 30.00 per sq. ft. plus 2,500 each to post
b –	Overhead	\$ 30.00 per sq. ft. for sign plus 90,000 to 175,000 structure cost
9.	Park & Ride Lot (paved, lighted, landscaped)	\$ 2,500 to 3,500 per parking space
10.	Aerial Photogrammetric Mapping (digital terrain model, needed for 1, 2a, 2b)	\$ 18,000 per mi
11.	Automated Traffic Management System (detectors, variable message signs, cable, etc.)	\$ 1,000,000 per mi
12.	Traffic Signal Systems (coordinate existing traffic signals)	
a –	Overhead	\$ 30,000 per mi

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	b	Underground	\$	125,000 per mi
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### Transit

1.	40 Foot Bus	\$	250,000
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2.	35 Foot Bus	\$	220,000
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3.	Personalized Local Transit Vehicle	\$	225,000
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	25 – 30 foot	\$	40,000 to 140,000
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4.	Bus Shelter	\$	5,000 installed
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5.	Bus Garage / Intermodal Facility	Requires individual estimate	
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6.	Supervisory Vehicle	\$	10,000 to 20,000
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### Pedestrian / Bicycle

1.	Sidewalk (not including MPT, survey, mobilization, etc.)	\$	6.50 per sq. ft.
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2.	Shoulder (bike route not including MPT, survey, mobilization, etc.)	\$	2.10 per sq. ft.
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3.	Bike Path (a separate 10–foot wide path)	\$400,000 per mi (not including structures)	
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